

**Plan Check Requirements for:  
FLAMMABLE LIQUID MIXING/DISPENSING ROOMS  
(Update—4/99)**

The Fire and Environmental Protection Division of the Mountain View Fire Department (650-903-6378) will review your submitted plans using this plan check guideline.

*Where appropriate, enter below the page number of your submitted plans where the item asked for is described and highlight the item in your plans. Include brochures, manufacturer's cut sheets, and calculations with the plans when asked for.*

If all the required information asked for is included in your plans or attachments, they can be reviewed and approved by the Fire and Environmental Protection Division as quickly as five working days.

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**Facility Name:** \_\_\_\_\_ **Address:** \_\_\_\_\_

**Architect Name:** \_\_\_\_\_ **Phone:** \_\_\_\_\_ **PC#:** \_\_\_\_\_ **Date:** \_\_\_\_\_

**Applies To: Use, dispensing and mixing of flammable/combustible liquids inside buildings in amounts exceeding the table below.**

1) If the quantities of dispensed or mixed flammable/combustible liquids exceeds the exempt amounts below, continue with this check sheet:

<u>Type of Liquid</u>	<u>Storage Condition</u>	<u>Exempt Amount</u>
Class IA	No Protection	10 gallons
Class IA	Sprinklered Bldg	20 gallons
Class IB	No Protection	15 gallons
Class IB	Sprinklered Bldg	30 gallons
Class IC	No Protection	20 gallons
Class IC	Sprinklered Bldg	40 gallons
Class IA-IC	No Protection	30 gallons
Class IA-IC	Sprinklered Bldg	60 gallons
Class II	No Protection	30 gallons
Class II	Sprinklered Bldg	60 gallons
Class IIIA	No Protection	80 gallons
Class IIIA	Sprinklered Bldg	160 gallons

- 2) The mixing room /building shall not be located in a basement (CFC 7903.2.3.2.2). *Indicate on the plans the location of the mixing room/building.* Plan page number: \_\_\_\_\_.
- 3) The mixing room/building shall be protected by an approved automatic fire extinguishing system (CFC 7903.2.3.2.3). *Indicate the fire extinguishing system on the plans.* Plan page number: \_\_\_\_\_.
- 4) Interior doors to the mixing room/building shall be self-closing and fire resistive (CFC 7903.2.3.3). *Attach manufacturer's cut sheets on the doors highlighting the appropriate specifications.*
- 5) Mechanical exhaust ventilation shall be provided at a rate of not less than 1 cu ft/min/square ft of floor area (CFC 7903.2.3.4.2). *Attach manufacturer's cut sheets on the exhaust system to the plans. Indicate the exhaust rate and show the calculations on the plans.* Plan page number: \_\_\_\_\_
- 6) Explosion control shall be provided for Class I liquids or where explosive vapor-air mixtures can develop under normal operating conditions (CFC 7903.2.3.4.3). *Show the explosion control on the plans.* Plan page number: \_\_\_\_\_.
- 7) Rooms in excess of 500 sq.ft. shall have at least one exterior door approved for fire department access. (CBC 307.1.3). *Indicate the location of the exterior door on the plans.* Plan page number: \_\_\_\_\_.
- 8) Rooms shall be separated from other areas by an occupancy separation having a fire-resistive rating of not less than one-hour for rooms up to 150 sq.ft., and not less than two-hours if larger than 150 sq.ft. (CBC 307.1.3). *Indicate the occupancy separation and materials of construction on the plans.* Plan page number: \_\_\_\_\_.
- 9) Shelving, racks and wainscoting in such areas shall be of noncombustible construction or wood not less than 1 inch nominal thickness. (CBC 307.1.3). *Indicate materials of construction on the plans.* Plan page number: \_\_\_\_\_.
- 10) If the room equals or exceeds 200 sq.ft., two exits are required. (CBC Table 10-A). *Indicate the exits and their locations on the plans.* Plan page number: \_\_\_\_\_.
- 11) Flammable dispensing/mixing rooms are considered H2 occupancies (CFC 7903.2.3.2.1). Contact the Building Official at 650-903-6313 to obtain additional H2 occupancy requirements.